

ABSTRACT OF THE DISCLOSURE

Disclosed herein is a fan cylinder for a cooling tower, which is configured to prevent the air discharged from the 5 cooling tower from flowing back thereinto. The fan cylinder is fixed to the upper side of the cooling tower, and is configured to mount a cooling fan therein. The fan cylinder comprises a linear portion having a constant inner diameter, and mounted therein with the cooling fan; an inlet portion 10 connected at an upper end thereof to a lower end of the linear portion, and having an inner diameter increasing downwardly; an extension portion connected at a lower end thereof to an upper end of the linear portion; and having an inner diameter increasing upwardly, and an outlet portion connected to an 15 upper end of the extension portion, and having an inner diameter decreasing upwardly.